

7th Grade Life Science Cell Biology Unit

Day 1:

Introduction into cell biology and the prokaryotic cell

Lecture: 20 min

- Introduction to cells, history and background information
- Prokaryotic cell form and function

Goal:

Want students to understand the basic features and functions of a prokaryotic cell.

Activity:

With a partner, draw and label prokaryotic cell. Students work on this for the remainder of class.

Supplies:

Markers and poster board will be provided.

Day 2:

Introduction of the eukaryotic cell

Lecture: 30 min

- Eukaryotic cell form and function
- Comparison between prokaryotic and eukaryotic cells
- Discussion between both cell types
- Introduce animal cell features and functions

Goal:

Want students to understand the basic features and functions of a eukaryotic cell. The students should be able to compare and contrast prokaryotic vs. eukaryotic cells.

Activity: 20 min

With a partner, draw and label eukaryotic cell. Students work on this for the remainder of class.

Supplies:

Markers and poster board will be provided.

Day 3:

Animal and Plant cell features and functions continued

Lecture: 20 – 30 min

- Discuss animal and plant cell features and functions